

Missoula, Montana

**DRAFT**  
Tuesday - February 6, 2007



**\*Early registration check-in: Monday, February 5, 2007, 2:30 to 4:30 pm - Missoula Conference Center Rotunda**

## Day 2



7:30 A - 4:00 P	Registration Check-in: Lobby of the Missoula Conference Center									
Time	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6	Track 7	Track 8	Demonstrations	OFF SITE TRAINING- Missoula District Construction Conference Room
	Parlor A	Parlor B	Parlor C	Parlor D	Parlor E	Parlor F	Parlor G	Bitterroot River Rooms B & C	Bitterroot River Room A	
8:00 - 8:50 AM	Weeksville West Blasting & Rock Bolting- Larry Prinkki & John Benda	A Kick in the Ash: Archaeological Excavation of Site 24PW308- Steve Platt	MDT ONLY Bridge Construction Inspection- Fred Beal & Mark Kurokawa	MDT ONLY Survey Issues Roundtable- Dave Davis, Ralph Jones, John Hoechst, Rob Mihalovich, Mark Iwaniak, Mark Roedel & Mick Brown	Federal Aid 101- FHWA	Guardrail Basics for Construction and Design- Scott Keller	Specifying Concrete for High Performance- Lionel Lemay, National Ready Mixed Concrete Association	MDT ONLY Trns*Port Orientation- Lori Stanich	SiteManager Demos	MDT Engineering Applications; Tools that Help the Design Become the Road- Tim Boucher & Riley Phelps
9:00 - 9:50		MDT ONLY Impacts of ROW Fencing on Wildlife Movement- Larry Sickerson, Pat Basting & Deb Wambach				Guardrail Design- Scott Keller				
9:50	BREAK									
10:00 - 10:50	MDT ONLY MSE Walls- Brian Collins	Work Zone Traffic Control: Lessons Learned in 2006- Lloyd Rue, FHWA & Mark Baum	MicroStation Custom Programs for the MDT- Bob Cummings	Specifications: Cuss & Discuss- Lisa Durbin, Dan Smith, & Stefan Streeter	Subsurface Utility Engineering: Strategic Approach for MDT Design Bid Build Projects- Phillip J. Meis	Guardrail Design (cont.)- Scott Keller	Environmental Permitting: Preconstruction thru Construction- Bill Semmens, Tom Gocksch, & Ray Studebaker	MDT ONLY	SiteManager Demos	OPX2 for New Users- John Pirre & Shane Maharg
11:00 - 11:50		US 2 Havre Reconstruction Project: Construction Traffic Management- John Pavsek, Morrison-Maierle, Inc.	MDT ONLY Administering Highway Construction Contracts: Environmental Concerns- Lyle Manley							
12:00	LUNCH- on your own									
1:00 - 1:50 PM	MDT ONLY Data Collector Templates- Jim Day & Sue Foreman	MDT ONLY Four Elements of Right- of-Way- Greg Hahn, Jim Mullins Greg Pizzini, Steve Giard, & Bill Duede	Research Program Overview- Craig Abernathy	Earthworks & Mass Diagrams- Clay Blackwell & Damian Krings	SAFETEA-LU Panel Discussion- Jim Skinner, Lynn Zanto, Jean Riley, Duane Williams, & Ted Burch-FHWA	Bailey Method: A Tool to Analyze Asphalt Mix Designs- Scott Barnes & PJ Shea	Safe Living: Self Protection for Those Working with the Public- Henry Shovic	OPX2 for Managers- John Pirre & Shane Maharg	SiteManager Demos	MDT's New Quality Assurance Software Suite: Tools to Support the Quality Inspection Process- Tim Boucher & Riley Phelps
2:00 - 2:50			The Municipal Storm Water Program: MDT's Commitments & Obligations- Stacy Hill					OPX2 Tips & Tricks- John Pirre & Shane Maharg		
2:50	BREAK									
3:00 - 3:50	Data Collector Templates (cont.)- Jim Day & Sue Foreman	Permanent Erosion and Sediment Control Design Manual- Jake Goettle & Dan Ham	Truss Rehab Projects in Montana, Lessons Learned- Brad Miller & Dustin Hirose, HDR Engineering	Earthworks & Mass Diagrams (cont.)- Clay Blackwell & Damian Krings	MDT ONLY How Subgrade Construction Requirements Relate to Surface Design- Matt Strizich, Bob Weber, Dan Hill, & Bill Henning	New Geopak Criteria- Bob Cummings	Safe Living: Preventing & Mitigating Workplace Violence- Henry Shovic	MDT ONLY Pile Driving Inspection: Preparation Tips, Saximeter Operation, & Recording & Data Transmittal- Tony Cеровski	SiteManager Demos	MDT Engineering Applications; Tools that Help the Design Become the Road- Tim Boucher & Riley Phelps
4:00 - 5:00			Quantm Route Optimizing Software Study- Brian Werle, Bran Greagor, & Jim Krogman- Carter Burgess	Work Zone Traffic Control: Lessons Learned in 2006- Lloyd Rue, FHWA & Mark Baum						

# Highways and Engineering Conference- 2007

Hilton Garden Inn/Missoula Conference Center

Missoula, Montana

**DRAFT**  
Thursday - February 8, 2007  
Day 3

OPEN

Contractors, Consultants, & Other Agencies



7:30 A - 3:00 P	Registration Check-in: Lobby of the Missoula Conference Center									
Time	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6	Track 7	Track 8	Demonstrations	OFF SITE TRAINING- Missoula District Construction Conference Room
	Parlor A	Parlor B	Parlor C	Parlor D	Parlor E	Parlor F	Parlor G	Bitterroot River Rooms B & C	Bitterroot River Room A	
8:00 - 8:50 AM	PCCP- Jim Powell & Jim Tobin, American Concrete Pavement Assoc.	Cold In-place Recycling, Slurry Seals & Microsurfacing- Chuck Valentine, Valentine Surfacing & Pierre Peltier SemMaterials, L.P.	Maintenance Panel Discussion on Post Construction Issues- John Blacker, Jon Swartz, & Doug Moeller	Change Order and Contract Final Procedures- Lisa Durbin & Terry McDonald	Convenience Sorely Needed: A History of Montana's Highway Bridges- Jon Axline	The Consultant's Role in Construction: Columbus South- John Shoff, Wade Irion, & Greg Gabel, HKM	Safe Living: Preventing & Mitigating Workplace Violence- Henry Shovic	Library Program Overview- Lisa Autio	SiteManager Demos	
9:00 - 9:50			Guardrail Basics for Construction and Design- Scott Keller			Noise Modeling & Bridge Solutions on the Kalispell Bypass- Mitch Stelling, Jason Giard, Kathy Harris, Brian Werle, & Cora Helm		Quantm Route Optimizing Software Study- Brian Werle, Bran Greagor, & Jim Krogman-Carter Burgess		MDT Engineering Applications; Tools that Help the Design Become the Road- Tim Boucher & Riley Phelps
9:50	BREAK									
10:00 - 10:50	Weeksville West Blasting & Rock Bolting- Larry Prinkki & John Benda	Uses for Asphalt Cements & Emulsified Asphalts- Al Hobbs, Montana Refining Company	Questions on Consultant Plans- Tim Conway, Miki Lloyd, Mark Cyr, & Jim Mitchell	Contract Time Estimation- Paul Ferry	Learn to Know, Understand & Love Your BMPs & Much More- Stacy Aguirre	Bridges & Circles: Intersections with the Kalispell Bypass- Mitch Stelling, Jason Giard, Kathy Harris, Mary Stelling, & Dwane Kailey	Safe Living: Self Protection for Those Working with the Public- Henry Shovic	Federal Aid 101- FHWA	SiteManager Demos	CAS Cards- Margaret Brockhaus & Jeff Kirby <b>MDT ONLY</b>
11:00 - 11:50			MicroStation Custom Programs for the MDT- Bob Cummings	Kalispell Bypass 28 to 76 in 1 Meeting: 1994- 2006- Mitch Stelling, Jason Giard, Kathy Harris, Mary Stelling, & Dwane Kailey						
12:00	LUNCH- on your own									
1:00 - 1:50 PM	<b>MDT ONLY</b>  HPC: How If Impacts MDT- Mike Praul & Lou Triandafilou, FHWA	Cold In-place Recycling, Slurry Seals & Microsurfacing- Chuck Valentine, Valentine Surfacing & Pierre Peltier SemMaterials, L.P.	MDT ONLY Impacts of ROW Fencing on Wildlife Movement- Larry Sickerson, Pat Basting, & Deb Wambach	US 2 Havre Reconstruction Project: Construction Traffic Management- John Pavsek, Morrison-Maierle, Inc.	CTEP: The Process from Start to Finish- Mike Whereley, David C. Larson, & LeRoy Wosoba	Guardrail Design- Scott Keller	Environmental Permitting: Preconstruction thru Construction- Bill Semmens, Tom Gocksch, & Ray Studebaker	Library Program Overview- Lisa Autio	SiteManager Demos	MDT's New Quality Assurance Software Suite: Tools to Support the Quality Inspection Process- Tim Boucher & Riley Phelps
2:00 - 2:50			The Municipal Storm Water Program: MDT's Commitments & Obligations- Stacy Hill	Contract Time Estimation- Paul Ferry				Truss Rehab Projects in Montana, Lessons Learned- Brad Miller & Dustin Hirose, HDR Engineering		
2:50	BREAK									
3:00 - 3:50	PCCP- Jim Powell & Jim Tobin, American Concrete Pavement Assoc.	<b>MDT ONLY</b>  Lab Roundtable- Matt Strizich, Scott Barnes, & Kevin Christensen	MDT ONLY Survey Issues Roundtable- Dave Davis, Ralph Jones, John Hoechst, Rob Mihalovich, Mark Iwaniak, Mark Roedel & Mick Brown	Specifications: Cuss & Discuss- Lisa Durbin, Dan Smith, & Stefan Streeter	Convenience Sorely Needed: A History of Montana's Highway Bridges- Jon Axline	Guardrail Design (cont.)- Scott Keller	<b>MDT ONLY</b>  MSE Walls- Brian Collins	Tips for Successful Consulting with MDT- Tom Martin	SiteManager Demos	
4:00 - 5:00				A Kick in the Ash: Archaeological Excavation of Site 24PW308- Steve Platt		The Consultant's Role in Construction: Columbus South- John Shoff, Wade Irion, & Greg Gabel, HKM				